

MULTI STAGE PRESSURE BOOSTER PUMPS



Structural Characteristics

- ♦ Fitted with thermal over load protector (TOP)
- ♦ Diffuser - Noryl with Stainless Steel
- ♦ Noryl Impeller
- ♦ Low power consumption

Performance

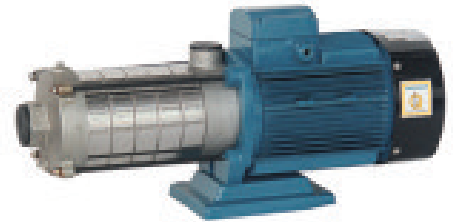
Single Phase 3000 RPM (Syn.) 50 Hz, 220 - 240 V, Capacitor start and run motor

Three Phase 3000 - RPM (Syn.) 50 Hz, 415 V

| S.No. | Product Name | Stages | Pipe Size (inches) BSP | Power | | Discharge in LPM | | | | | | | | | | | | | |
|-------|--------------|--------|------------------------|-------|------|----------------------|----|----|----|------|------|------|------|----|----|----|----|----|----|
| | | | | kW | HP | Total Head in Metres | 12 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |
| 1 | DBP 0.5 | 3 | 1" x 1" | 0.37 | 0.5 | | 28 | 27 | 25 | 23 | 20.5 | 18.5 | 16.5 | 14 | 12 | 10 | 8 | 6 | 4 |
| 2 | DBP 0.75 | 4 | 1" x 1" | 0.55 | 0.75 | | 37 | 35 | 33 | 30 | 27 | 25 | 22 | 19 | 17 | 14 | 11 | 8 | 6 |
| 3 | DBP 1.0 | 5 | 1" x 1" | 0.75 | 1 | 47 | 45 | 41 | 38 | 34.5 | 31 | 28 | 24 | 21 | 17 | 14 | 10 | 7 | |

Structural Characteristics

- ♦ Diffuser - SS 304,
- ♦ Shaft - SS 410
- ♦ Impeller - SS 304
- ♦ Clean water not containing abrasive particles
- ♦ Liquid temperature -15° C to 110° C
- ♦ Ambient temperature up to 60° C



Performance

Single Phase 3000 RPM (Syn.) 50 Hz, 220 - 240 V, Capacitor start and run motor

Three Phase 3000 - RPM (Syn.) 50 Hz, 415 V

| S.No. | Model | HP | Stage | Pipe Size | Head (m) | Discharge (m³/h) | | | | | | | |
|-------|---------------|------|-------|-----------|----------|------------------|-----|----|-----|----|-----|----|-----|
| | | | | | | 0 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 |
| 1. | DBPS 2/0.50-3 | 0.50 | 3 | 1" x 1" | 29 | 26 | 25 | 23 | 20 | 19 | 16 | 12 | |
| 2. | DBPS 2/0.75-5 | 0.75 | 5 | 1" x 1" | 48 | 44 | 41 | 38 | 34 | 31 | 26 | 20 | |
| 3. | DBPS 2/1.0-6 | 1.00 | 6 | 1" x 1" | 56 | 52 | 48 | 45 | 40 | 36 | 31 | 24 | |

| S.No. | Model | HP | Stage | Pipe Size | Head (m) | Discharge (m³/h) | | | | | | | |
|-------|---------------|------|-------|-----------|----------|------------------|------|------|------|------|-----|-----|---|
| | | | | | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1. | DBPS 4/0.50-2 | 0.50 | 2 | 1" x 1¼" | 19 | 17.5 | 16.5 | 15.5 | 14.5 | 12.5 | 9.5 | 6.5 | |
| 2. | DBPS 4/0.75-3 | 0.75 | 3 | 1" x 1¼" | 29 | 26 | 25 | 23 | 22 | 19 | 14 | 10 | |
| 3. | DBPS 4/1.00-4 | 1.00 | 4 | 1" x 1¼" | 38 | 35 | 33 | 31 | 29 | 25 | 19 | 13 | |
| 4. | DBPS 4/1.5-6 | 1.5 | 6 | 1" x 1¼" | 57 | 53 | 50 | 47 | 44 | 38 | 29 | 20 | |

| S.No. | Model | HP | Stage | Pipe Size | Head (m) | Discharge (m³/h) | | | | | | | |
|-------|--------------|------|-------|-----------|----------|------------------|----|----|----|----|----|----|----|
| | | | | | | 0 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1. | DBPS 8/1.0-2 | 1.00 | 2 | 2" x 2" | 21 | 19 | 18 | 17 | 16 | 15 | 13 | 11 | |
| 2. | DBPS 8/1.5-3 | 1.50 | 3 | 2" x 2" | 32 | 28 | 27 | 26 | 24 | 22 | 19 | 16 | |
| 3. | DBPS 8/2.0-4 | 2.00 | 4 | 2" x 2" | 42 | 37 | 36 | 34 | 32 | 29 | 25 | 21 | |
| 4. | DBPS 8/3.0-5 | 3.00 | 5 | 2" x 2" | 52 | 46 | 44 | 42 | 39 | 36 | 31 | 26 | |

| S.No. | Model | HP | Stage | Pipe Size | Head (m) | Discharge (m³/h) | | | | | | | |
|-------|---------------|-----|-------|-----------|----------|------------------|----|----|----|----|----|----|----|
| | | | | | | 0 | 8 | 10 | 12 | 16 | 18 | 20 | 22 |
| 1. | DBPS 16/3.0-2 | 3.0 | 2 | 2" x 2" | 27 | 25 | 24 | 23 | 21 | 19 | 17 | 15 | |
| 2. | DBPS 16/4.0-3 | 4.0 | 3 | 2" x 2" | 41 | 38 | 37 | 35 | 31 | 29 | 26 | 22 | |